BIOGRAPHICAL SKETCH

NAME	POSITION TITLE
Deng, Yuqing	Postdoctoral Appointment

EDUCATION/TRAINING

INSTITUTION AND LOCATION	DEGREE *(if applicable)*	YEAR(s)	FIELD OF STUDY
Brown University, Providence, RI	Ph.D.	2002	Physical Chemistry
Peking University, China	M.S.	1996	Physical Chemistry
University of Electronic Science and Technology, China	B.S.	1994	Chemistry

Positions and Honors:

2005-present Postdoctoral Appointment
Biosciences Division
Argonne National Laboratory

2002-2005 Postdoctoral Research Associate
Dept. of Physiology and Biophysics
Weill Medical College of Cornell University

1998-2002 Research Assistant
Dept. of Chemistry
Brown University

1994-1996 Research Assistant
Dept. of Chemistry
Peking University

1994 Student Assistant
Dept. of Applied Chemistry
University of Electronic Science and Technology

Selected peer-reviewed publications

Yuging Deng, Benoît Roux “Hydration of Amino Acid Side Chains: Nonpolar and Electrostatic Contributions Calculated from Staged Molecular Dynamics Free Energy Simulations with ExplicitWater Molecules” J. Phys. Chem. B, 108, 16567 (2004).

Yuqing Deng, BrankaM. Ladanyi and RichardM. Stratt,“ High-FrequencyVibrational Energy Relaxationin Liquids: TheFoundationsof Instantaneous-Pair Theory and Some Generalizations”, J. Chem. Phys. 117, 10752 (2002)

Yuqing Deng, BrankaM. Ladanyi and RichardM. Stratt,“ High-FrequencyVibrational Energy Relaxationin Liquids: TheFoundationsof Instantaneous-Pair Theory and Some Generalizations”, J. Chem. Phys. 117, 10752 (2002)

YuqingDengand RichardM. Stratt,“VibrationalEnergy Relaxationof Polyatomic Molecules in Liquids: The Solvent’sPerspective”, J. Chem. Phys. 117,1735 (2002)

Zhida Chen,Yuqing Deng, Jiang Bian, Lemin Li and Guangxian Xu, “ADensity Functional Theory Study on Boundary of ‘Superreduced’ Transition Metal Carbonyl Anions[M(CO)$_n^z$−](M= Cr, n = 5, 4, 3, z = 2, 4, 6; M= Mn, n = 5, 4, 3, z = 1, 3, 5; M= Fe, n = 4, 3, 2, z = 2, 4, 6; M= Co,n = 4, 3, 2, z = 1, 3, 5).” J. Mol. Struct.(TheoChem) 434, 155 (1998)

Zhida Chen,Yuqing Deng, Guangxian Xu, Acta Scientiarum Naturalium Universitatis Pekinensis, 34, 283, (1998)

Zhida Chen, Yuqing Deng, Lemin Li and Guangxian Xu, “A Density Functional Theory Study on Stability of Carbonylmetallate Monoanions Mn(CO)$_6^-$,HFe(CO)$_4^-$ and Co(CO)$_4^-$.” J. Mol. Struct.(TheoChem) 417, 247 (1997).

Yuqing Deng, Zhida Chen, XiuzhenWang, Lemin Li, Guangxian Xu, Acta Scientiarum Naturalium Universitatis Pekinensis, 32, 686, (1996)